HALLMARK SECONDARY SCHOOL, ONDO
THIRD TERM HOLIDAY ASSIGNMENT FOR 2024/2025 SESSION

SSS THREE

ENGLISH LANGUAGE

1a.   What is Concord of proximity?

b   Give <u>ten</u> examples

2a.   Distinguish between finite and non-finite verb

b.   Give <u>ten</u> examples each

3a.   What is question Tag?

b.   Give <u>ten</u> examples

3a.   Differentiate between a phrase and a clause

b.   Differentiate between direct and indirect speech

c.   Give <u>Five</u> examples for each

5a.   What is a sentence

b.   Give the <u>Structural</u> sentence types

c.   Give the <u>functional</u> sentence types

6a.   Give <u>twenty</u> synonyms and use them in sentence

b.   Give <u>ten</u> Antonyms and use them in sentences

7.   Enumerate the features of the following:

i.   Informal Letter

ii.   Formal letter

iii.   Article Writing

b.   Give <u>ten</u> idiomatic Expressions with examples

……

GENERAL MATHEMATICS

Study the following topics vigorously:

1.   Circle Geometry
2.   Sine rule and cosine rule

Attempt these questions

1.   Show that the angle which an are of circle subtend at the centre is twice that which it subtends   at any pint on the remaining part of the circumference

2.   The bearing of Q from P is 150^0 and the bearing of P from R is 015^0, If Q and R are 24km and   32km respectively from P;

a.   represent this information in a diagram;

b.   Calculate the distance between Q and R, correct to <u>two</u> decimal places;

c.   Find the bearing of R from Q, correct to the nearest degree

……

PHYSICS

Read and study the following topic clearly

a.   measurement of heat energy:

-       Latent heat
-       Specific latent heat of fusion and vapourisation
-       Determination of specific latent heat of fusion of ice

Question:

A box has a volume of $0.28m^3$ and is 70% filled with iron fillings at 25^0C. Calculate the:

i.   total mass of the iron fillings

ii.   Energy required to melt 10% of the iron fillings

        {Density of iron = $8.00 \times 10^3 kgm^{-3}$, specific latent heat of fusion of iron = $1.38 \times 10^5 Jkg^{-1}K^{-1}$, specific heat capacity of iron = $460Jkg^{-1}K^{-1}$, melting point of iron = 1500^0C}

b.   Waves

-       Wave motion
-       Classe of waves
-       Progressive waves

…….

GEOGRAPHY

Study the following topics:

1a.   With the aid of diagrams, describe how the following features are formed:

i.   Caldera

ii.   Asymmetrical fold

iii.   Composite volcano

b.   State four features of intrusive valiantly

2a.   Explain four sources of Geographical information system data

b.   Give four areas of geographical information system application

3.   Using Koppen's system of classification of climate, identify the types of climate that are   represented by the following letters listed below: i.   AF   ii.   Am

iii.   Aw

b.   Outline six characteristics of the Af climate

………..

BIOLOGY

Study the following topics

1a.   Draw a well labeled diagram (8-10cm long) of the mammalian eye

Bi.   What is hormone?

ii.   List five animal hormones

ci.   Name two bone in the middle ear of a man

iii.   List three types of bones in the fore limb of a man

2ai.   What is competition?

ii.   List two types of competition

iii.   List four factors that organisms compete for in a habitat

iv.   Explain briefly the relationship between competition and succession

bi.   What is structural adaptations?

ii.   State four types of structural adaptations in animals

………

ECONOMICS
1. Economic lessons from Asian Tigers, Japan, Europe and America
2. Human Capital Development
3. Petroleum and the Nigerian economy

………..

HOME MANAGEMENT
1. Write on these:
i. Creativity
ii. Entrepreneurship
iii. Wealth creation

………

CATERING CRAFT AND PRACTICES
1. Write short note on the following:
a. Accompaniment
b. Food accompaniment
c. Food costing
2. Classify beverages according to their types

………

FINANCIAL ACCOUNTING
Study the following at home
1a. What is manufacturing account?
b. State three importance of preparing manufacturing account
c. Explain the following terminologies
i. Prime cost   ii.   Factory overhead   iii.   Work in progress
iv. Finished goods   v.   Direct Labour
2i. Mention various types of accounts prepared in manufacturing account
3i. What is partnership account?
ii. Explain four important of partnership account
iii. What is the deed of partnership?11
iv. Enumerate five contents of partnership Deed
4i. List five types of accounts in partnership
ii. Mention and briefly explain five kinds of partners

………

CIVIC EDUCATION
1a. Define Ombudsman
b. State four importance of Ombudsman in Nigerian
2a. Define Local Government
b. Mention three sources in local governments.

………

GOVERNMENT
Explain five causes of Nigerian Civil War

………

FURTHER MATHEMATICS
Study the following topics vigorously
1. Scalar and vector products of two vectors
2. Binomial expansion
Attempt these questions
1. Find the area of a parallelogram whose adjacent sides are 4i + 3j + k and -5i + 2j + 3k

2.   Given the vector $\underline{x}$ = 2i + 3j − k and $\underline{y}$ = 3i + 2j − k. Find the:

a.   Projection of $\underline{x}$ on $\underline{y}$

b.   Unit vector in the direction of $\underline{x}$ + $\underline{y}$

3.   Expand $\left(2+ \dfrac{1}{2x}\right)^4$ and simplify each

terms Hence, use the expansion to find the approximate value of $(2.01)^4$, correct to three decimal places

………………………………………………………………………………………………

TECHNICAL DRAWING
Study the following topics vigorously:
1.   Tangents and tangency
2.   Plain and diagonal scales

Attempt these questions
1.   Inscribe two circles whose diameters are 44mm and 24mm inside a circle of 76mm diameter.   Each circle is to touch the other two
2.   Draw a diagonal, scale on which 40mm represents 1 metre, with a maximum of 3 metres and a   minimum of 10mm. Show on it, a distance of 1460mm.

……

CHEMISTRY
Read and Study carefully the following topic below
Organic Chemistry 1 under the following headings
i.   Deforution of organic Chemistry
ii.   Reason why carbon is used as the main element of organic compounds
iii.   Characteristics of organic chemistry
iv.   Terms used in organic properties of alkenes
v.   Alkenes
-       general properties of alkenes
-       The list 10 members of alkenes series
-       Chemical & physical properties of methane
-       Uses of Methane
b.   Write note on 1a(i)- (iv)

……….

AGRICULTURAL SCIENCE
Read and study the following topics thoroughly
1a.   Enumerate four effects of high temperature in egg production

b.   Outline three important processes involved in the preparation of bone meal using the   wet method

c.   List five ways of maintaining fish pond

d.   Mention four general methods of controlling disease outbreak in livestock management

2a.   Mention three effects of Lice infestation on a fowl

b.   Discuss foot and mouth disease in pig under the following headings:

i.   Casual organism

ii.   One symptom

ii.   One mode of transmission

iv.   One control measure

c.   Briefly discuss three ways of improving rangeland

d.   State four signs that show a pregnant ewe is ready for parturition

....

<u>SUBJECT: C R S</u>

1.   What is the lesson in Paul's teaching or justification by faith to present day Christians?

2.   How did Paul's reference to Abraham place faith as superior to law in the salvation of man?